

Optimized Process for the Extraction of GIS Information from Mobile LiDAR Project Data

Mobile LiDAR Systems are quickly becoming a primary source of data to feed downstream GIS operations. Dense point clouds, calibrated imagery and high accuracy provide an information rich data set from which to extract practically every GIS feature of interest. In this presentation we will explore the process to efficiently extract GIS features, analysis and other Digital Twins from MLS project data. An effective and inexpensive approach to data organization and storage of original MLS project data will be described. This will be followed by examples of feature extraction tools designed to locate, extract and export GIS information from MLS data. Methods will be presented for sharing MLS data, extract GIS information and other forms of digital twins across operations. Finally, an example case study will focus on utility extraction along a roadway corridor.

Bio:

JENNIFER TRIANA

Business Development Director

407.248.0160

TopoDOT.com